

2010

## References

1. Johnston, J. H., 1940 , H. H. Johnston, V. H. P.

PROFESSOR:

4-methyl-2-pyridone in the presence of  $\text{H}_2\text{SO}_4$  and  $\text{HNO}_3$ . XXXII.  
 4-methyl-2-pyridone (1.0 g, 0.007 mole) and  $\text{HNO}_3$  (1.0 ml, 0.014 mole),  
 and  $\text{H}_2\text{SO}_4$  (0.5 ml, 0.007 mole) were added to the mixture.

PERIODICAL:

Zhurnal obshchey khimii, 1966, Vol. 4, No. 1, pp. 183-185.  
(USSR)

**ABSTRACT:**

Also, coupling of quinone with diazonium cationic dimer electrodonor substituents was studied. 1,4-bis-(*N*-ethylamino)-1,4-benzoquinone was coupled with diazonium salts, and 2, 5-bis-(dimethylamino)-1,4-bis-(*p*-nitrophenylazo)-1,4-benzoquinone (III), 2,5-bis-(*N*-ethylamino)-3,6-bis-(*o*-nitrophenylazo)-1,4-benzoquinone (IV), and 2,5-bis-(dimethylamino)-1,4-bis-(2,4,6-trichlorophenylazo)-1,4-benzoquinone (V) were obtained, in high yield.

Card 1/3

USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19175

acid (XII) is studied. It was determined, that at the interaction of N-phenylacetylacetoneimine (XIII) with I, 1-phenyl-2-methyl-3-carbethoxy-5-hydroxyindole (XIV) is formed. To a solution of 10 g. XI in 20 cc  $\text{CHCl}_3$  at  $20^\circ$  is added a sol. of 9.2 g. XII in 20 cc  $\text{CHCl}_3$ , heated 1 hour at  $100^\circ$ , and 1-ethyl-2-methyl-3-carbethoxy-5-hydroxy-6,7-dichloroindole (XV) is obtained, yield 54.5%, m.p.  $209.5-210^\circ$  (from dioxane). 4.5 g. XV is mixed with 2N solution NaOH (in a current of  $\text{N}_2$ ), dioxane is added until the precipitate is dissolved, 2.72 cc of VI is added, after 10 min. it is heated 30 min. at  $100^\circ$ , and 1-ethyl-2-methyl-3-carbethoxy-5-methoxy-6,7-dichloroindole is obtained, yield 4.7 g. m.p.  $127-128^\circ$  (from dioxane). To a solution of 10.8 g. I and 30 cc dry acetone is added 26.3 g. XIII, heated 1 hour at  $100^\circ$ , evaporated, ether is added, and XIV is obtained, yield 38.2%, m.p.  $232-233^\circ$  (from alcohol).

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USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19175

2-methyl-5-methoxyindolylcarboxylic -3 acid (X), yield 68.3% m.p. 207-208° (decomp. from alcohol) is obtained. To a solution 6.7 g. VII in 50 cc 2 N. solution NaOH is added 6.1 cc VI (in a current N<sub>2</sub>), heated 20 min., then added are 230 cc 2 N. sol. NaOH and 100 cc dioxane, boiled for 1.5 hour, and X is precipitated, yield 66.5%. To 25 cc glycerine at 140° is added 1.5 g. X, heated at 140° for 5 min., is cooled off, water is added, and IX is obtained, yield 84.7%, m.p. 89-90° (from alcohol). A mixture of 3 g. IX, 5 g. (CH<sub>3</sub>CO)<sub>2</sub>O, 1.5 g. CH<sub>3</sub>COONa is boiled for 5 hours, the precipitate is extracted with hot water, and V is obtained, yield 68.9%, m.p. 126.5-127.5° (from dioxane).

XI. The condensation reaction of 2,3-dichlorobenzoquinone (XI) with ethyl ester of N-ethyl- -aminocrotonic

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USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-ikhimiya, No 6, 1957, 19175

tion of 2.8g. II in 8cc acetone, heated for 1 hour at 100° and IV yield 38.1%, m.p. 292-293° (from pyridine), and III, yield 28.9%, m.p. 234-235° (from dioxane) are isolated. To a sol. 1.1 g. IV in 15cc 2N solution NaOH are added 1.5 cc dimethylsulfate (VI), heated at 100° for 30 min. (in a current of N<sub>2</sub>) and V is obtained, yield quantitative, m.p. 127-128° (from dioxane). To a solution of 5.5 g. 2-methyl-3-carbethoxy-5-hydroxyindole (VII) in 36 cc 2N solution NaOH is added by shaking 6.6g. VI (in a current N<sub>2</sub>) then 15 cc 2N solution NaOH, heated for 30 min. at 100°, and 2-methyl-3-carbethoxy-5-methoxyindole (VIII), yield amount, m.p. 160.5-161° from alcohol) is obtained. A suspension of 10 g. VIII in 350 cc 2N solution NaOH and 150 cc dioxane are boiled 2 hours dioxane is distilled off, and 2-methyl-5-methoxyindole (IX) is obtained, m.p. 89-90°. By acidifying the mother solution with CH<sub>3</sub>COOH,

Card : 2/4

USDA/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19175

Author : Grinyev A. M., Shvedov B. I., Tyerent'yev A.P.

Inst : ~~USSR Academy of Sciences, Moscow~~

Title : Studies in the Field of Quinones. Reaction of Acetyl-acetoneimine with n-benzoquinone. XI. Synthesis of some substituted Indoles.

Orig Pub: Zh. obshch. khimiyi, 1956, 26, No 5, 1449-1451; 1452-1453 X.

Abstract: At the interaction of n-benzoquinone (I) with the imine of acetylacetone (II) 2-methyl-3-acetyl-5-hydroxybenzofurane (III) and 2-methyl-3-acetyl-5-hydroxyindole (IV) are formed. Structure of IV is determined by the identity of 2-methyl-3-acetyl-5-methoxyindole (V) obtained from it with the V obtained by the counter synthesis. To a solution of 3 g. I in 8 cc of dry acetone is added a solu-

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USSR/Organic Chemistry. Synthetic Organic Chemistry.

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Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19174

II is also obtained by the diene synthesis from chloroquinone and cyclohexadiene with the subsequent isomerization of the adduct (yield of the adduct 87%, m.p. 78-79°) by heating in  $\text{CH}_3\text{COOH} + \text{HBr}$ . The interaction of I with acetoacetic ester (III) in the presence of  $\text{ZnCl}_2$  leads to the substituted benzofurane (IV), m.p. 192-193° (from  $\text{CH}_3\text{COOH}$  and benzene). From IV at the hydrolysis with alc.  $\text{NaOH}$  the corresponding hydroxy acid (V), m.p. 233° (from 50% alcohol) is obtained. By methylation of V with  $(\text{CH}_3)_2\text{SO}_4$  a methoxy acid m.p. 272° (dec. sublimation) is obtained. Condensation I with III, hydrolysis IV and methylation V is carried out according to the method described (RZhKhim. 1955, 48930).

Contd : 2/2

GRIN'YEV, A.N.

USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-khimiya, No 6, 1957, 19174

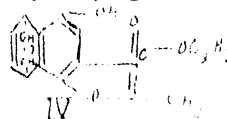
Author : Grinyev A.N., Tyerentyev A.B., Tyerent'yev A.P.

Inst : ~~XXXXXXXXXXXXXXXXXXXX~~

Title : Study in Quinones. IX. On the interaction of 5,8-endoethylene-1, 4-naphthoquinone with Hydrogenchloride and Acetoacetic ester.

Orig Pub: Zh. obshch. khimiyi, 19<sup>56</sup>~~55~~, 26, No 3, 730-732.

Abstract: By the condensation of 5,8-endoethylene-1, 4-naphthoquinone (I) with HCl in ether according to the method described (RZhKhim, 1955, 42972) is obtained 2-chloro-5,8-endoethylene-1,4-dihydroxynaphthalene (II), m.p. 155° (from glac. CH<sub>3</sub>COOH).



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Card . 71

USSE/Organic Chemistry. Synthetic Organic Chemistry.  
Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19173

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From 6 g. V, 7 g. VII, 4.75 g.  $\text{ZnCl}_2$  and 6 cc abs. alcohol is obtained 5.35 g. III, m.p. 185-186° (from alc.)  
At the saponification of III the corresponding acid m.p. 207° (dec.) is obtained.

Card : 3/3



GRIN'YEV, A. N.

E-2

USSR/Organic Chemistry. Synthetic Organic Chemistry.

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19173

Author : Grinyev A. N., Pan Don Khvar, Frosin V. N., Tyerent'yev A. P.

Inst :  
Title : Studies in Quinones. VIII. Condensation of Chlor-and 2, 3-dichloro-n-benzoquinone with Acetoacetic and Benzoyl-acetic Esters.

Orig Pub: Zh. obshch. khimiyi, 1956, 26, No 2, 561-564

Abstract: There were obtained diethyl esters of 4-chloro-2,6-dimethylbenzo-[1, 2-c; 4,5-c']-difuranedicarboxylic-3, 7 acid (I); ethyl ester of 6,7-dichloro-2-methyl-5-hydroxybenzofuranecarboxylic-3 acid (III) by condensation of chloro-(IV) and 2,3-dichloro-n-benzoquinone (V) with  $\text{CH}_3\text{COCH}_2\text{COOC}_2\text{H}_5$  (VI) and  $\text{C}_6\text{H}_5\text{COCH}_2\text{COOC}_2\text{H}_5$  (VII) in alcohol, in the presence of  $\text{ZnCl}_2$ . To the solution of 28 g.

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USSR/Organic Chemistry. Synthetic Organic Chemistry.

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Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19172

precipitate is dried in the dark. Below are enumerated the amounts of the starting hydroquinone and  $\text{KBrO}_3$  in Grams, amount of water, dioxane and III.  $\text{H}_2\text{SO}_4$  in cc, the obtained substance and its yield is g.: 4.2, 20, 40, 2. I, 0.5, 5, 10, 1, II, 0.9; 1, 0.5, 5, 9, 0.7, III, 0.9; 1, 0.5, 6, 10, 0.8, IV, 0.87. Part VI see RZhKhim, 1956, 32427.

Card : 2/2

GRIN'YEV AN.

USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 1917?

Author : Grinyev A. N., Tyerent'yev A. B., Tyerent'yev A. P.

Inst :

Title : Studies in the Series of Quinones. VII. Synthesis of some Quinones of Dihydro- and Tetrahydronaphthalene by the Oxidation of Corresponding Hydroquinones with Potassium Bromate.

Orig Pub: Zh. obshch. khimiyi, 1956, 26, No 2.

Abstract: Synthesis of 5,8-dihydronaphthoquinone-1,4 (I), 2-methyl-1(II), 5,6,7,8- tetrahydronaphthoquinone-1,4 (III) and 5,8-endothylene-5,8-dihydronaphthoquinone-1,4 (IV) by oxidation of the corresponding hydroquinones by means of  $\text{KBrO}_3$  is described. Hydroquinone is dissolved by heating in dioxane, a solution of  $\text{KBrO}_3$  in hot water and 1N.  $\text{H}_2\text{SO}_4$  are added, the mixture is heated to  $60^\circ$ , the

Card : 1/2

VENSLAUSKAS, M.I.; GRINYAVICHUS, K.A. [Grinevicius, K.]; GUTMAN, A.M.

Statistical electroencephalogram model. Zhur. vys. nerv.  
deiat. 14 no. 4:726-731 Ji-Ag '64. (MIRA 17:12)

1. Kaunas Medical Institute, Lithuanian S.S.R.

GRINYAKIN, V.

Multistory houses in villages in Volgograd Province.  
Sel'. stroi. no.10:15 0 '62. (MIRA 15:11)

1. Glavnyy inzh. Volgogradskogo sovkhozno-kolkhoznogo  
territorial'no-proizvodstvennogo upravleniya Volgogradskoy  
oblasti.

(Volgograd Province--Apartment houses)  
(Precast concrete construction)

L 17853-66  
ACC NR: AP6004557

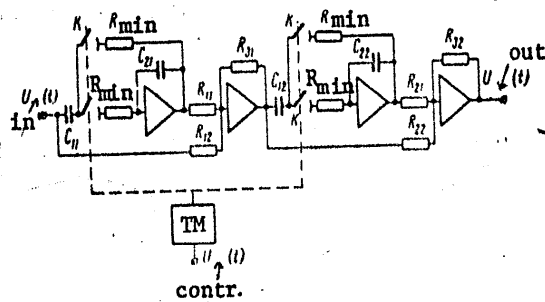


Fig. 1. Simple variable delay circuit

TM - time modulator.

SUB CODE: 09 / SUBM DATE: 26Mar65 / ORIG REF: 003 / OTH REF: 004

Card 2/2 nat

L 17853-66 EWA(h)/EWT(1)

ACC NR: AP6004557

SOURCE CODE: UR/0103/66/000/001/0139/0145

AUTHOR: Grinya, Ya. I. (Moscow); Chernyshev, M. K. (Moscow)

ORG: None

TITLE: A rational choice of circuits for the reproduction of variable delays using operational amplifiers

SOURCE: Avtomatika i telemekhanika, no. 1, 1966, 139-145

TOPIC TAGS: delay circuit, computer simulation

ABSTRACT: The studies of numerous physical processes are related to variable delay determination. When such processes are investigated by digital computer methods, the simulation of variable delays is usually introduced by standard analog computer units. In view of analytical and design difficulties encountered during the simulation, the authors survey the principles useful for the design of variable delay blocks incorporating operational amplifiers, analyze certain existing circuits for variable delay, and search for those which are distinguished by design simplicity and high engineering characteristics. An advanced circuit for variable delay generation (shown in Fig. 1) is proposed. Orig. art. has: 16 formulas and 7 figures.

Card 1/2

UDC: 621.372.061:621.375.147.3

GRINYA, Ya.I.; DYATLOV, L.I.

Standardized operational amplifiers. Priborostroenie no.418-20 Ac 1974.  
(Electronic analog computers) (Amplifiers (Electron))



GRINYA, Ya.I. (Moskva)

Problem concerning the reproduction of time delay by means of  
operational amplifiers. Izv. AN SSSR. Otd. tekhn. nauk. Energiya  
i avtom. no 3.201-207 My-Je '62. (MIRA 1-62)  
(Amplifiers (Electronics)) (Delay lines) (Automatic control)

S/621/61/000/000/008/014  
D234/D303

An electronic logical device ...

Characteristics is foreseen. The capacity is 52 parameters, the values of the parameters are printed successively in one line of the chart, each value with 3 digits, values that are outside a given range are printed in red. The device contains approximately 50 electron tubes and 50 relays, a special property is that it can be connected directly with primary transmitters or with transmitters of parametric type. Results of tests of the device are quoted. Some properties of the second variant are mentioned, such as taking into account the non-linearity of the transmitters, possibility of graphical recording of some parameters etc.; it is stated that the device contains only 4 electron tubes and some tens of electromechanical relays. There are 3 tables and 10 figures. ✓

Card 2/2

S/621/61/000/000/008/014  
D234/D303

AUTHORS: Ushakov, V.B., Kopay-Gora, P.N., and Grinya, Ya.I.

TITLE: An electronic logical device with digital recording of the parameters

SOURCE: Nauchno-tehnicheskoye obshchestvo priborostroitel'noy promyshlennosti. Primeneniye vychislitel'noy tekhniki dlya avtomatizatsii proizvodstva. Trudy soveshchaniya, provedennogo v oktyabre 1959 g. Ed. by V.V. Solodovnikov. Moscow, Mashgiz, 1961, 342 - 357

TEXT: The authors deal with two variants of an electronic logical recording device designed at the department of electric simulation of NII Schetmash, for automatic measurement and digital recording (on a special chart) of industrial parameters and for signalling when the parameters are outside a given operating range. The first variant is described in detail; its technical characteristics were determined by the requirements of chemical synthesis of  $\text{NH}_3$ , but the possibility of its use in other circumstances with similar cha-  
Card 1/2

GRINYA, YA. I.

821.372.5

1017

Delay Unit with Computing

Amplifiers and Capacitors, Ya. I.

26 Grinya & E. N. Kozal-Gora. (Moscow)

Tranzistora, June 1956, Vol. 17, No. 6,

pp. 514-531.) A delay unit using a capacitor

storage system is described. The delay of

signals in the frequency range 0.03-0.5 cps

is variable between 0.1 and 20 sec.

4  
1  
0  
0

Equipe

MM

MODULATION

the experimental data obtained make it advisable to carry out experimental broadcasts to test this system on a large scale.

Card 2/2

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GRIVENICH, YU G.

MODULATION

"Experimental Investigation of the Method of Optimum Amplitude-Phase Modulation" by S.I. Tetel'baum and Yu.G. Grivenich, Radiotekhnika, No 5, May 1957, pp 42-47.

The author previously proposed a method for increasing the effectiveness of radio broadcasting, by subjecting the signal to simultaneous amplitude and phase modulation, thus causing the spectrum of frequencies, radiated by the transmitter, to be narrowed down to half the spectrum required for amplitude modulation, and permitting reception to be affected without noticeable distortion by ordinary radio-broadcasting receivers with linear detecting characteristics.

The article describes a phase integrator used for the purpose and gives results of comparative measurements of intelligibility of speech in amplitude and optimum amplitude-phase modulation, both in the presence of noise, as well as in its absence; the results of the transmission of musical programs are also given. The author suggests that

Card 1/2

- 13 -

ZHAGAL', R.; STRECHIN', Ya.; GRINVALDE, A.; VANAG, G., akademik

Structure of bindone and its derivatives. Dokl. AN SSSR 135 no.1:  
77-80 N'60. (MIRA 13:11)

1. AN Latvyskoy SSR (for Vanag). 2. Institut organicheskogo  
sinteza AN Latvyskoy SSR.  
(Indandione)

GOL'DIN, A. (Leningrad); GRINVAL'D, Ye. (Leningrad); BELEN'KIY, M.  
(Leningrad)

Method for stabilizing the frequency of electron-tube  
oscillators. Radio no. 7:28-29 J1 '62. (MIRA 16:6)

(Oscillators, Electron-tube)



GRINVAL'D, V.A.; KOSOY, G.Kh.

Combined action of thio-TEPA, omain (colchamine) and some hormonal preparations on the epithelium of the cervix uteri and vagina in mice. Biul. eksp. biol. i med. 57 no.6:96-99 Je '64. (MIRA 18:4)

1. Laboratoriya eksperimental'noy onkologii (zav. - prof. N.V. Lazarev) Instituta onkologii (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I.Serebrov) AMN SSSR, Leningrad.

BERDYANSKIY, M.G.; CHUS, V.G.; BRODSKIY, I.I.; VEYEVNIK, V.P.; VITNOV,  
I.I.; GRINVAL'D, V.A.; TOLDAYEV, A.S.

Automatic machine for screwing unions. Biul. tekhn.-ekon. inform.  
Gos. nauch.-issl. inst. nauch. i tekhn. inform. 17 no.12:22-29 D '64.  
(MIRA 18:3)

S/133/62/000/001/007/011  
A054/A127

Friction-type tube pushing and...

constant rotation and the distance between them is regulated by the operator via an electro-pneumatic distributor. The head part of the tube is gripped by the friction rollers when it slides down on the inclined frame and is pushed by them into the stand. The rolls then return into their initial position. When the first pass has been completed, the reversing rollers move the tube on to the front table. This time the friction rollers grip the tube, lift it and turn it over, at the same time feeding it into the stand. The new device cuts down the feed time of tube blanks (105 mm in diameter and 900 - 1,050 mm long) from 1.1 to 0.67 sec. while turning over and pushing in the tube for the second pass from 0.9 sec. The rolling cycle was cut by 1.33 sec with the friction type feeding device. Differences in wall-thickness (longitudinal and across) of the tubes could also be eliminated, because the new pusher ensures an accurate positioning in vertical direction of the tube edge before the second pass. The mill output has increased by 5%. There are 2 figures.

Card 2/2

GRINVALD, V.A.

2

3/133/62/000/001/007/010  
A054/A127

AUTHORS: Berdianskiy, M. G., Brodskiy, I. I., Burakovskiy, V. N., Grinvald,  
V. A., Dol'nik, T. I., Sidorenko, V. M., Engineers

TITLE: Friction-type tube pushing and turning device on the automatic tube  
rolling mill

PERIODICAL: Stal', no. 1, 1962, 60 - 61

TEXT: To replace the cranky pneumatic drive of the "140" automatic tube  
rolling mill of the zavod im. Lenina (Plant im. Lenin) by a member more suitable  
for the automatic process, a new pushing and turning device has been developed  
at the Tsentral'naya laboratoriya automatizatsii i mekhanizatsii Dnepropetrovskogo  
sovnarkhoza (Central Laboratory of Automation and Mechanization of the Dnepro-  
petrovsk Sovnarkhoz) in cooperation with V. F. Veyevnik, Engineer, L. F. Kandyba,  
Engineer, I. P. Ivanov, Engineer, Ye. B. Byutner, Engineer, L. I. Vitnov, Tech-  
nician. The new device, which consists of friction rollers, is mounted on the  
front table of the mill, at 4,850 mm distance from the roll axis. The mechanism  
pushes the tube onto the stand and turns it through 90° before the second pass.  
The pusher is controlled from the mill switchboard. The friction rollers are in

Card 1/2

... TASHKENT, M.G., inzh.; BRODSKIY, I.I., inzh.; SURKOVSKIY, V.N., inzh.;  
... MINVLEED, V.I., inzh.; DOVCH, T.I., inzh.; ... (M.I.), inzh.

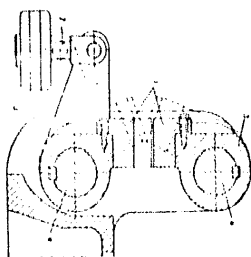
Friction pump and manipulator of tubes on an automatic pipe  
mill. Stal' 22 mol:60-61 Ja '72. (GIRA 14:12)  
(Pipe mills--equipment and supplies)

BERGYANSKIY, M.G.; BRODSKIY, I.I.; VOYNOV, V.P.; GNILENKO, B.A.; GRINVAL'D,  
V.A.; KRYUKOV, G.Ya.

Mechanization and automatization of the mandrel extracting operation  
in continuous pipe rolling mills. Metallurg 5 no.11:30-33 N '60.  
(MIRA 13:10)

1. Truboprokatnyy zavod im. V.I.Lenina.  
(Pipe mills---Equipment and supplies)  
(Automatic control)



[illegible][illegible]



SHARLAY, I.V.; MOHOZENKO, M.A.; GRINVAL'D, R.A.

Epidemiological and clinical description of epidemic diseases caused  
by ECHO 7 virus. Vop. okh. mat. i det. 6 no.7:57-61 J1 '61.

(MIRA 14:8)

1. Iz kafedry detskikh infektsiy (zav. A.T.Kuz'micheva) Leningradskogo  
meditsinskogo pediatricheskogo instituta (dir. Ye.P.Semenova) i  
virusologicheskoy laboratorii Vsesoyuznogo instituta eksperimental'noy  
meditsiny (zav. otdelom A.A.Smorodintsev).

(VIRUS DISEASES)

GRINVALD, Pavel Pavlovich; SHKLENNIK, Ch., red.; BITAR, A., tekhn.  
red.

[Automatic control of room temperature in low-pressure steam heating] Avtomaticheskoe regulirovanie temperatury pomeshchenii pri parovom otoplenii nizkogo davleniia. Riga, Izd-vo Akad. nauk Latviskoi SSR, 1962. 24 p. (Nauchno-tekhnicheskaiia informatsiia, no.6) (MIRA 15:12)  
(Automatic control) (Steam heating, Low pressure)

GRINVAL'D, I.V., kand.med.nauk; VASIL'YEV, M.A. (Gor'kiy)

Dissecting aneurysm of the pulmonary artery. Klin.med. 37 no.11:  
125-127 N '59. (MIRA 13:3)

1. Iz bol'nitsy 13-y medsanosti Gor'kovskogo avtozavoda (glavnyy  
vrach - zasluzhennyy vrach RSFSR V.V. Bogoslovskaya, nauchnyy ruko-  
voditel' - prof. A.I. Geftler) i proektury Avtozavodskogo rayona g.  
Gor'kogo (zaveduyushchiy M.L. Reshteyn).  
(PULMONARY ARTERY diseases)  
(ANEURYSM case reports)

GRINVAL'D, I.M.

Effect of surgery for aortic stenosis on circulation insufficiency.  
Uch. trudy GMI no.19:229-236 '65. (MIRA 18:8)

1. Iz kliniki gospiatel'noy khirurgii Gor'kovskogo gosudarstvennogo  
meditsinskogo instituta imeni S.M.Kirova i bol'nitsy Nr.13  
mediko-sanitarney chasti Gor'kovskogo avtomobil'nogo zavoda.

KOROLEV, B.A., zaslushennyy deyatel' nauki, prof.; GRINVAI'D, I.M., kandyd. med. nauk (Gor'kiy)

Results of a comparative study of some surgical methods in coronary insufficiency. Khirurgiya no.10:22-31 '64.

(MIRA 1966)

1. Chlen-korrespondent AMN SSSR (for Korolev).



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900028-6

KOROLEV, B.G., prof. (Gorkiy 5, naberezhnaya Andanova, d. 10).  
GRINVALD, I.M., kand. med. nauk (Gorkiy).

Surgical treatment of primary glaucoma. Vopr. khim. i med.  
1954-55. No. 1.

GRINVAL'D, I.M., kand.med.nauk

Transitory form of ventricular trepidatio cordis. Kaz.med.zhur.  
no.4:62-64 J1-Ag '62. (MIRA 15:8)

1. Bol'nitsa No.13 (glavnyy vrach - V.V.Bogoslovskaya, nauchnyy  
rukovoditel' - prof. A.I.Gefer) goroda Gor'kogo.  
(HEART--PALPITATION)



GRINVAL'D, I.M., kand.med.nauk

Treatment of coronary insufficiency by intravenous use of novocaine droplets. Kaz. med. zhur. no.6:35-38 N-D '60. (MIRA 13:12)

1. Bol'nitsa No 13 (glavnyy vrach - V.V. Bogoslovskaya, nauchnyy rukovoditel' - prof. A.I. Gefter) meditsinskoy sanitarnoy chasti Gor'kovskogo avtozavoda.

(CORONARY HEART DISEASE)

(NOVOCAINE)

GEFTER, A.I., prof.; MATUSOVA, A.P., kand.med.nauk (Gor'kiy); GRINVAL'D, I.M.,  
kand.med.nauk (Gor'kiy); GORELOV, N.S. (Moskva)

Comments on S.F. Oleinik's article "Rest and heart protection in  
myocardial infarct. Terap.arkh. 31 no.11:83-89 N '59.

(HEART--INFARCTION)

(OLEINIK, S.F.)

(MIRA 13:3)

GRINVAL'D, I. M.

REYNBERG, G.A., professor; BEREZOV, Ye.L., professor; GRINVAL'D, I.M.,  
kandidat meditsinskikh nauk

A new surgical method in coronary disease; a preliminary report.  
Klin.med. 35 no.3:71-76 Mr '57. (MLRA 10:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - zasluzhennyy  
deyatel' nauki prof. Ye.L.Berezov) Gor'kovskogo meditsinskogo  
instituta.

(CORONARY DISEASE, surg.  
new method (Rus))

GRINVAL'D, I. M.

Clinico-electrocardiographic parallels in uremia. Ter. arkh.,  
Moskva 23 no.4:64-70 July-Aug 1951. (CLML 21:1)

1. Of the Hospital Therapeutic Clinic (Director -- Prof. V. G.  
Vogralik), Gor'kiy Medical Institute imeni S. M. Kirov.

RUBINOV, P.B.; GRINVAL'D, G.I.

Detachable truck trailers used for transporting long reinforced  
concrete products. Nov.tekh. i pered. op v stroi. 20 no.5:22-23  
My '58. (MIRA 11:5)

(Truck trailers)

(Concrete products--Transportation)

GRINVAL'D, G.; POPOV, V., LIPATKIN, Ye.; KIM, L.; ZYABLOV, V.; BIRYUKOV, P.

Transportation of large elements. Stroitel' 8 no.5:26-27 My '62.  
(MIRA 15:7)

(Precast concrete--Transportation)

GRINVAL'D, D.I.; NEMIROVSKIY, R.Ya.

Measurement and oscillographic recording of the velocity pulsation of  
flow in a natural channel. Meteor. i gidrol. no.5:44-47 My '62.  
(MIRA 15:6)

(Stream measurements)

GRINVAL'D, D.I.

At the session of the Department of Technical Sciences of  
the Academy of Sciences of the Ukrainian S.S.R. Meteor.  
i gidrol. no.3:67 Mr '62. (MIRA 15:3)  
(Turbulence)



GRINVAL'D, G.; RUBINOV, P.

Machine for straightening Cardan shafts. Avt.transp. 37  
no.11:53 N '59. (MIRA 13:2)  
(Automobiles--Transmission devices--Maintenance and repair)

GRINVAL'D, D.I.

Some regularities of the large-scale stream turbulence. Izv.  
AN SSSR. Ser. geog. no.3:89-94 My-Je '65. (MIRA 18.6)

1. Odesskiy gidrometeorologicheskiy institut.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900028-6

6/11/61, 6/11/61.

Experimental investigation of the effect of the direction of wind waves on the (SILK) film.

(SILK) film

*GRINVAL'D D.I.*  
BUT, I.V.; GRINVAL'D, D.I.

Twenty-fifth anniversary of the Odessa Hydrometeorological Institute.  
Trudy OGMI no.11:3-5 '57. (MIRA 11:3)  
(Odessa--Hydrometeorology)

~~SECRET~~ GRINVAL'D, D.I.

Conference on problems of maximum stream flow. Meteor.i gidrol.  
no.8:66-67 Ag '56. (MLRA 9:11)  
(Hydrology)

PRIADCENCU, AL.; BORDEIANU, T., acad.; GRINVAID, Clara; STEFAN, N.;  
BELDIE, AL.; ANGHEL, Gh.; CEAPOIU, N.; CARAUSU, D.; COCIU, V.

Concept of species reflected in Rumanian works on cultivated  
plants. Studii cerc biol s. bot 16 no. 2:153-162 '64.

1. Institute of Research of Cereals and Industrial Plants,  
Laboratory of Hybridization. 2. Corresponding Member of the  
Rumanian Academy (for Priadcencu, Ceapoiu).

GRINVALD, Clara; GUTENMAHER, I.; MAVROMATI, Elena

Genetic study of wheat-rye hybrids. Studii cerc biol veget 13 no.3:  
369-381 '61.

1. Comunicare prezentata de Al. Priadcencu, membru corespondent al  
Academiei R.P.R.

BYSTRITSKIY, I.A., dotsent; GRITPUKH, D.L. zasluzhenny vrach RSFSR

Unusual case of combined congenital abnormality. Vop. okh. nat. i  
det. 6 no.3:91-92 Mr '61. (MIA 14:10)

1. Iz Kurskoy klinicheskoy detskoy bol'nitsy No.1 (glavny vrach  
M.N.Kulezina).

(DEFORMITIES)



BYSTRITSKIY, I.A.;GRINTUKH, D.L.

Treatment of tuberculous meningitis in children without the  
subarachnoid administration of drugs. Probl.tub. 38 no.4:105-  
108 '60. (MIRA 14:5)

(MENINGES---TUBERCULOSIS)

GRINTSOV, N.S., insh.

Machinery for smoothing slopes, embankments, and cuts. Stro1. 1  
dor.mash. 9 no.10:2-3 0 '64. (MIRA 18:1)

RUTKEVICH, Nison L'vovich, doktor med. nauk; GRINTSMAN, Yu.Ya.,  
red.; KUZ'MINA, N.S., tekhn. red.:

[Homodermotransplantation in the treatment of soft tissue  
wounds] Gomodermotransplantatsiia pri lechenii ran miagkikh  
tkanei. Moskva, Medgiz, 1963. 174 p. (MIRA 16:5)  
(WOUNDS—TREATMENT) (SKIN GRAFTING)

8111E

S/039/60/052/004/002/002  
C111/C222

The Differential Neighborhood of Second Order of a Complex Ray in the Multi-Dimensional Projective Space

from zero.

In chapter 3 the obtained results are interpreted geometrically. e.g. it is shown that a three dimensional surface and a four-dimensional surface obtained in chapter 2 by a formal convolution operation, are in the following geometrical relation: The straight line PQ, where P is an arbitrary point of the three dimensional surface, and Q is an arbitrary point of the tangential space, cuts out on the above mentioned four dimensional surface two points which together with P and Q form a harmonical quadruple. Altogether the paper consists of 58 points. The author thanks S.P. Fink and G.F. Laptov for advice. There are 4 Soviet references.

[Abstractor's note: (Ref. 1) is a paper of G. F. Laptov in Trudy Mosk. Matem. ob-va, 1953, Vol. 2, pp. 275-291.]

SUBMITTED: April 4, 1959

Card 4/4

81226

S/035/60/052/004/002/002  
C111/C222

The Differential Neighborhood of Second Order of a Complex Ray in the Multi-Dimensional Projective Space

projective transformation is not counted).

According to the plan given in the index in chapter 2 the author develops in 29 points step by step an analytic theory of the differential neighborhood of second order. It is stated that the differential geometry of the complex of straight lines in a certain sense is analogous to the differential geometry of the hypersurface, e.g. analogously to the normals of first and second kind of the hypersurface the author introduces: the normal space of first kind of the ray  $l$  is the invariant three-dimensional plane

$$(2.48) \quad x^I = \lambda_{\alpha}^I x^{\alpha}$$

going through  $l$  and intersecting the tangential space only in  $l$ ; the normal space of second kind of the ray  $l$  is the invariant  $(n-5)$  dimensional plane

$$(2.49) \quad x^P = \lambda_I^P x^I, \quad x^{\alpha} = 0$$

lying in the tangential space and having no common points with  $l$ . To every normal space of second kind there corresponds a normal space of first kind. The reversion is valid if a certain determinant is different

Card 3/4

87116

S/039/60/052/004/002/002  
011/0222

The Differential Neighborhood of Second Order of a Complex Ray in  
the Multi-Dimensional Projective Space

order in the tangential space; § 10. Normal spaces; § 11. Relations between normal spaces of first and second kind; § 12. Some geometrical loci. Chapter 3: Geometrical interpretation; § 13. Osculating hypercones of second order; § 14. Sequence of quadratic complexes; § 15. Corresponding directions; § 16. Quadrics; § 17. Normal spaces of first kind; § 18. Collineations in the tangential space.

The  $(2n-5)$ -dimensional submanifold of the  $(2n-4)$ -dimensional manifold of all straight lines of an  $(n-1)$ -dimensional space is called a complex of straight lines. The tangential space of a ray is introduced as an  $(n-3)$ -dimensional plane adjoint with the given ray and determined by the differential neighborhood of first order. It is assumed that the totality of all tangential spaces is also  $(2n-5)$ -dimensional. Between the rays and their tangential spaces there is a dual correspondence in the sense of the projective geometry. The principal result of the first chapter is the following theorem:

Theorem: A complex of straight lines in a multi-dimensional projective space admits no bendings of first order in the sense of Cartan (the

Card 2/4

87176

16.5600

S/039/60/052/004/002/002  
0111/C222

AUTHOR: Grintsevichyus, K.I. (Vil'nyus)

TITLE: The Differential Neighborhood of Second Order of a Complex Ray in the Multi-Dimensional Projective Space

PERIODICAL: Matematicheskii sbornik, 1960, Vol.52, No.4, pp.991-1020.

TEXT: The author uses the method of G.F.Laptev (Ref.1) for defining in a multi-dimensional projective space the geometrical notions combined with the fundamental object of second order of a complex ray. The author reported about the results in the seminar on classical differential geometry at the Chair of Differential Geometry at the Moscow State University. The paper has three chapters: Chapter 1: Differential neighborhood of first order. § 1. Tangenting space; § 2. Hyperplane associated with the point; § 3. Application of the duality principle; § 4. Unbendability of the complex in the sense of Cartan. Chapter 2: Analytic theory of the differential neighborhood of second order. § 5. Continuation of the system; § 6. Dual Continuation of the system; § 7. Linear complex of straight lines in the tangenting space; § 8. Some relations between the points of the ray  $l$  and the hyperplanes going through the tangenting space; § 9. Cones of second

Card 1/4

GRINTSEVICHYUS, K.I.

Linear complex associated with a second order differential neighborhood  
of the complex ray. Usp.mat.nauk 13 no.2:175-180 Mr-Apr '58.

(MIRA 11:4)

(Geometry, Differential)





GRINTSEVICHYUS, K. I.

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow,  
Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.  
Vygodskiy, M. Ya. (Moscow). Analog of Lagrange Mean Value  
Theorem for a Space Curve. 146-147

Geydel'man, R. M. (Moscow). Theory of Focal Congruences. 147

Glagolev, A. A. (Moscow). Application of Multi-element  
Throws in Establishing of Certain Congruences in  
n-dimensional Spaces. 147-148

There are 4 references, 2 of which are USSR and 2 English.

Grintsevichyus, K. I. (Vil'nyus) Hypercomplexes of Straight  
Lines in Multi-dimensional Projective Spaces. 148-149

Mention is made of Laptev.

Gudkov, D. A. (Gor'kiy). On the Topology of Plane Real  
Curves of Sixth Order. 149

Card 48/80

SEINTLEVICHEN, R. I.

GRIGOROVICH, R. I. --"Hypercomplex Straight Line in Four Dimensional  
Projective Space." (Dissertation for Degree in Science in Mathematics)  
Defended at USSR Higher Educational Institutions Research Center of Science of  
USSR State University, Moscow, 1955

SO: Razhnaya Literatura, No. 5 10 Jan 56

\* For the Degree of Doctor of Physics the official title is

GRINTSEVICH, K. I.

Grintsevich, K. I. The complex of lines in affine space. Doklady Akad. Nauk SSSR (N.S.) 92, 695-698 (1953). (Russian)

The method of the canonical moving trihedron, which Vinikoy has applied to the study of congruences, is here applied to complexes of lines in affine three-space. The conditions on the  $\omega^i, \omega^j$  in the equations  $dA = \omega^i e_i, d\omega^i = \omega^j e_j$ ,  $i, j = 1, 2, 3$  are written out; lines along the complex line  $i$ ,  $\omega^i, \omega^j, \omega^k$  can be independently selected. Applications are made for geometrical concepts belonging to neighborhoods of the first, second and third order. Reference is made to congruences studied by P. Mentré [Thesis, Paris, 1923].  
D. J. Struth (Cambridge, Mass.)

GRINTSEVICH, Valentin Osipovich; IVANOV, Vladimir Nikolayevich; MEL'NIKOV, Vladimir Ivanovich; SOKOLOV, L.S., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Repair of the generators of mobile electric power plants and electric machinery for railroads; experience of electric repair shops of the October Railroad] Remont generatorov peredviznykh zheleznodorozhnykh elektrostantsii i elektroispolnitel'nogo putevogo instrumenta; opyt elektromekhanicheskikh masterskikh Oktiabr'skoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 56 p. (MIRA 14:7)  
(Railroads—Electric equipment) (Electric power plants)

GRINTSEVICH, S.

ense of the beautiful. *Pravda* (S no.7:26-27) 1977.

(education of children)

ZOSIMOVICH, D. P.; SHVAB, N. A.; GRISEVICH, A. N.; NECHAYEVA, N. Ya.; KLAONITSKAYA, K. B.  
Kiev

"Die elektrochemische Gewinnung von Reinstmetallen: Zink, Kadmium und Mangan."

report submitted for 2nd Intl Symp on Hyperpure Materials in Science and Technology, Dresden, GDR, 29 Sep-2 Oct 69.

Institut obshchey i neorganicheskoy khimii Akademii nauk UkrSSR, Kiev

GRISEVICH, A.N.; Kladnitskaya, K.B.

Rapid method for determining small amounts of copper in zinc and cadmium. *Zav.lab.* 27 no.11:1343-1345 '61. (MIRA 14:10)

1. Institut obshchey i neorganicheskoy khimii AN USSR.  
(Copper--Analysis) (Zinc--Analysis)  
(Cadmium--Analysis)



GRINTSER, S.A., inzh.

Anti-noise devices for pneumatic instruments with rotor engines.  
Stroi.i dor.mashinostr. 5 no.3:24-25 Mr '60. (MIRA 13:6)  
(Pneumatic machinery--Noise)

GLINTZER, D. A.

BUKHOVICH, A. I., Moscow; 1931-1932, ..., inzhener.

Investigating various rotary engines.abor.trad. 1911 by Hermann  
Lentil. 1911. 1911.  
(mechanic machinery)

BERNADSKIY, G.I.; SUDAKOVICH, D.I.; GRINTSER, S.A., inzhener, redaktor;  
KUZNETSYN, G.I., inzhener, retsenzent; PETRUN'KIN, L.P., laureat  
Stalinskoy premii, inzhener, retsenzent; POL'SKAYA, R.G., tekhnicheskiiy redaktor

[Pneumatic hand-operated instrument] Pnevmaticheskii ruchnoi instrument. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1952. (MLRA 9:3)

(Pneumatic tools) [MICROFILM]

GRINTSEV, P. A.

Dissertation defended for the degree of Candidate of Philological Sciences at  
the Institute of the Peoples of Asia

"The Sanscrit Framed Narrative."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

KOTOV, A.I.; GRINTSER, L.I.

Possibility for using penicillin production wastes as ferments.  
Spart. prom. 29 no.6:14-18 '63. (MFA 16:10)

1. Saranskiy zavod meditsinskikh preparatov.  
(Penicillin) (Fermentation)

L 39125-66

ACC NR: AP6030354

SOURCE CODE: RU/0003/65/016/003/0169/0169

AUTHOR: Beral, H.; Calafeteanu, I.; Dumitrescu, E.; Grintescu, P.

ORG: Institute for the State Control of Drugs and Pharmaceutical Research (Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice)

TITLE: Quantitative determination of 7-chloro-2-methylamino-5-phenyl-3H-1, 4-benzodiazepin-4-oxide from librium pills

SOURCE: Revista de chimie, v. 16, no. 3, 1965, 169

TOPIC TAGS: dioxane, chloroform, perchloric acid, tranquilizer, pharmacology

ABSTRACT: The authors tested several methods for the analysis of Librium pills. Best results were obtained by titration with perchloric acid in dioxane as titrating agent, of the ground pills dissolved in chloroform. Methyl red was the most effective indicator. Orig. art. has: 1 table. [JPRS]

SUB CODE: 07, 06 / SUBM DATE: none / OTH REF: 003

Card 1/1

L 31855-66

ACC NR: AP6021283

SOURCE CODE: RU/0003/65/016/001/0041/0041

AUTHOR: Calafeteanu, I.--Kalafetyanu, I.; Dumitrescu, E.--Dumitresku, Ye.;  
Grintescu, P.--Grintsesku, P.

ORG: Chemical-Pharmaceutical Research Institute (Institutul de cercetari chimico-farmaceutic)

TITLE: Quantitative determination of diacetylhexestrol

SOURCE: Revista de chimie, v. 16, no. 1, 1965, 41

TOPIC TAGS: drug, pharmacology

ABSTRACT: Since the drug Sintofolin (diacetylhexestrol) is to be listed for the first time in the new Pharmacopoeia, the authors tested several methods for its determination. Results with gravimetric and volumetric determination methods were not satisfactory, but a simple, precise and reproducible method of bromatometric determination was elaborated and is described. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 002

Card 1/1

JS

CALAFETEANU, I.; DUMITRESCU, E.; GRINTESCU, P.

Quantitative determination of the Diacetylhexastrol.  
Rev chimie Min petr 16 no.1:41 Ja '65.

1. Institute of Chemicopharmaceutical Research.



GRINTESCU, P.; CALAFETEANU, I.; IVAN, C.

Contributions to the determination of 2-(naphthyl-methyl)-2-imidazoline hydrochloride (Rinofug). Rev chimie Min petr 15 no.7:424 J1 '64

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900028-6

FLOREA, V.; GRINTESCU, P.; MEDIANU, M.

Chemical determination of erythromycin. Ber chimie Min  
petr 15 no.6:359 Je '64.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900028-6

DEMLTESCU, D.; GRADTESCU, I.; PLOCH, V.; IVAN, C.

Determination of amidopyrine, dicaine, and boric acid in  
Otalgin. Rev chimie Min petr 15 no.2:113-114 p 114.

ILLEGIBLE

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: \*)

Source: Bucharest, Farmacia, Vol IX, No 10, Oct 1961, pp 661-668.

Data: "Methods for the Determination of Water in Drugs."

Authors:

BERAL, H., -Pharmacist.-

STOICESCU, Viorica, -Pharmacist.-

GRINTESCU, Paulina, -Pharmacist.-

\*) Work performed under the auspices of the Institute for the  
State Control of Drugs and Pharmaceutical Research (Institutul  
pentru Controlul de Stat al Medicamentului si Cercetari

Card: 1/2

Category :  
Category : Chemical Technology.

H17

Obs. Jour : 807 / no extension, no. 14, 1956, No 50513

Author :  
Institute :  
Date :

File No. :

Abstract : in time and simplification of laboratory  
operations. Bibliography includes 28 titles.  
--A. Vavilova

Card: 1/2

H-83

ROMANIA / Chemical Technology, Chemical Products and Their Application. Pharmaceuticals. Vitamins. Antibiotics. H-17

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16525

Author : Puscaru, E.; Grintescu, P.

Inst : Not given

Title : Standards of Selecting Samples for Analyses, and their Importance

Orig Pub : Farmacia (Roman), 1957, 5, No 4, 341-344

Abstract : A standard system of selecting samples for the analyses of pharmaceutical products has been proposed. It permits the checking of suitability of the pharmaceutical preparations (mineral and organic of vegetable or animal source). The selected samples are subjected to organoleptic and analytical control. -- E. Natkhan

Card 1/1

ROMANIA

CONSTANTINESCU, D. Gr.; BOGHE, G.; MANUCHEAN-MARGOLIRESCU, Maria;  
PLATON, Florentina; PAVEL, Margareta; GRINULESCU, A.;  
GEORGESCU, Viorica.

Institute for State Control of Medicines and Pharmaceutical  
Research (Institutul pentru controlul de stat al medicamentelor  
si cercetari farmaceutice) - (for all)

Bucharest, Farmacia, No 5, May 1963, pp 285-291

"Contributions to the Method of Obtaining Ergot of Aye Selected  
by Alkaloid Groups."



GRINTAL', A.R.

Composition and distribution of algal communities in the littoral region of Yarnyshnaya and Podpakhta Bays (the eastern Murmansk Coast). Trudy MMBI no.8:23-40 '65. (MIRA 19:11)

1. Kafedra botanicheskoy geografii Leningradskogo gosudarstvennogo universiteta imeni Zhdanova.

## Possible Energy Sources of T Tauri Stars

S/035/59/000/003/026/039  
A001/A001

between velocities deduced from emission and absorption lines. 2) Origination of flares under the action of an accelerating mechanism in a magnetic field (directly or as a result of synchrotron radiation of electrons). 3) Acceleration of particles up to energies sufficient for nuclear processes under action of a discharge mechanism. 4) Nuclear sources based on the possibility of existence of antimatter in our Galaxy. In a discussion, V. S. Safronov noted that accretion mechanism, non-effective under usual conditions, may become more effective under conditions when the star was just formed and remains in the cloud are falling on it. When considering the gravitation contraction stage, it is necessary to take into account that density fluctuations in a protostar may induce an additional liberation of energy due to origination of shock waves and turbulence. A. B. Severnyy pointed out that the process of cloud contraction, as considered by Safronov, has a drawback of neglecting the part of magnetic fields. Shatsman uttered the assumption that effectiveness of accretion should be extremely low. V. V. Sobolev presented observational data which contradicted the hypothesis of origination of bright lines in the star spectrum as due to its interaction with the cloud.

A. G. Masevich

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

5/035/59/000/003/026/039  
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, No. 3,  
p. 65, # 2086

AUTHOR: Grinsteyn, D.

TITLE: Possible Energy Sources of P Tauri Stars

PERIODICAL: V sb.: Nestatsionarnyye zvezdy. Yerevan, AN ArmSSR, 1957, pp 104-112  
Discuss, pp. 113-117

TEXT: It is presumed that the main part of the radiation excess of P Tauri stars is originated during unsteady stages of contraction, in the process of transformation of protostars with great radii into main sequence stars. According to data of Khen'i et al. (RZhAstr, 1957, No. 8, # 6812) young stars with masses near that of the Sun have to stay above and to the right-hand side of the main sequence during  $10^6$ - $10^7$  years. Under these assumptions the possible sources of ultraviolet excess are considered: 1) Accretion of interstellar matter; the capacities of this mechanism are insufficient, but the fall of matter with microscopic density and speed fluctuations may give rise to impact-wave ionization of the circumstellar cloud; thereby, possibly, is explained the difference

Card 1/2

GRINSPUN, O.Ya.

Mechanoelectrical converter for pulse registration. Fiziol. zhur.  
46 no.3:360-362 Mr '60. (MIRA 14:7)

1. From the Therapy Chair for Medical Improvement, the S.M.Kirov  
Medical Academy, Leningrad.  
(PULSE) (MEDICAL INSTRUMENTS AND APPARATUS)

GRINSON, A.S.

Use of a shielded buffer-type gradient probe to study thick coal seams. Razved. i okh. nedr 27 no.12:51-54 p 161. (MIRA 19:3)

1. Pechorskaya geofizicheskaya ekspeditsiya.  
(Pechora Basin--Coal mines and mining)  
(Electric prospecting--Equipment and supplies)

GRINSKIS, P.I.

Endemic goiter in the Lithuanian S.S.R. Probl. endok. i gorm.  
7 no.1:82-84 '61. (MIRA 14:3)  
(LITHUANIA--GOITER)

GRINSHTUNT, Ye.M., kand.med.nauk

Results of prolonged antibacterial treatment of early forms of  
destructive pulmonary tuberculosis [with summary in French]. Probl.  
tub. 36 no.1:22-28 '58. (MIRA 11:4)

1. Iz TSentral'nogo tuberkuleznogo voyennogo gosptalya (nach.  
I.S.Moskalenko)

(TUBERCULOSIS, PULMONARY, ther.  
chemother. in early destructive tuberc. (Rus))

83873

S/112/59/000/018/0E4/0E4  
A052/A002

Application of Ultrasound to the Inspection of Uniformity of Metal

found by trial. A part can revolve about its axis which facilitates locating  
the defect. X

M. M. P.

Translator's note: This is the full translation of the original Russian  
abstract.



83873

S/112/29/000/016/054/054  
AO52/A002

241800

Translation from: Referativnyy zhurnal, Elektrotehnika, 1959, No. 16, p. 241,  
# 35366

AUTHORS: Bykova, Z. K., Ryabinina, G. A., Grinshteyn, Z. B.

TITLE: Application of Ultrasound to the Inspection of Uniformity of Metal

PERIODICAL: Tekhn.-ekon. byul. Sovnarkhoz Chelyab. ekonom. adm. r-ra, 1958,  
No. 7, pp. 65-67

TEXT: A report on the use of the УЗД-7Н<sup>28</sup> (UZD-7N) ultrasonic flaw detector at the Zlatoust "Imeni Lenin" plant is given. The inspection of shafts and cranks of presses as well as other cylindrical parts is performed by a 2-feeler method (the feelers are arranged 2-5 mm from each other). The prisms in prismatic feelers are replaced by plexiglas tips whose bases are shaped according to the radius of the part. At the maximum sensitivity it is possible to detect defects of 0.15mm in diameter. For parts of spherical or conical shape an ultrasonic immersion flaw detector (without a direct contact between the feeler and the part) has been developed. An open feeler is used which is fixed at a certain angle.

Card 1/2

BRUNOVICH, M. I., inst. Tekhn. Nauk; GRIKHOTV, Yu. I., inst.

Effect of neutron irradiation on crystallized glass materials.  
Dokl. Akad. Nauk SSSR no. 8:15-17 Ag '65. (MIRA 18:9)

BREKHOVSKIY, S.M.; GRINSHTEYN, Yu.L.

Effect of irradiation by thermal neutrons on some properties  
of heat-resistant pyrocerams. Izv. AN SSSR. Neorg. mat. 1  
no.6:947-951 Je '65. (MIRA 18:8)